Daniel Roesler

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Seeking: Consulting and contracting opportunities for companies and professionals that propel industries forward.

Experience:

UtilityAPI, Inc., Oakland, CA and Austin, TX   2014 – 2025
Founder, Board Member, Chief Technology Officer (2014 – 2024), Chief Innovation Officer (2024 – 2025)
- Founded the utility data exchange platform that has grown to millions of dollars in revenue annually
- Designed and developed much of the core product code that handles millions of secure data transactions per month
- Patented the system architecture for secure utility data collection and processing (US10664605)
- Led technical standards development and regulatory engagement as an expert in the field
- Submitted, won, and completed multiple government grants to deploy the platform to new markets
- Owned successfully obtaining SOC 2 Type II cybersecurity certification by external auditors for multiple years
- Managed technical scoping and solution architecture for multiple multimillion-dollar projects with major utilities
- Presented and participated in panels at many industry conferences and regulatory meetings as a technical expert

TerraVerde Renewable Partners, LLC, Larkspur, CA   2013 – 2014
Project Development Engineer
- Managed commercial-scale solar construction projects for public schools and cities in California
- Calculated technical and financial feasibility to determine what type and size of systems to install
- Coordinate with clients and contractors on a daily basis to keep projects moving forward
- Represent owner's interests while working with contractors before, during, and after construction
- Programmed internal software tools to help the <10 person company determine feasibility more efficiently

Fitocracy Inc., New York, NY   2011 – 2013
Chief Technology Officer
- Led technology division of major fitness application used in more than 100 countries
- Scaled from 3,000 to over 1 million users and tens of millions of logged workouts in less than two years
- Accepted into and completed 500 Startups accelerator program in Silicon Valley
- Designed and implemented tracking and social software that handled thousands of concurrent users daily
- Organized partnerships with Google, Arnold Schwarzenegger, Red Bull, and RHIT University

Clean Air Engineering, Inc., Houston, TX   2008 – 2011
Project Manager and Engineer
- Advanced from field technician to project manager running six figure contracts in less than two years
- Managed and wrote reports on flare testing projects using new prototype technology
- Developed, tested, and patented a field spiking system for sulfuric acid testing (US8021617)
- Presented advances and results in new technologies at multiple national conferences
- Performed many complex field source emissions tests on tight schedules with small teams of technicians

Education:

Bachelor of Science, Chemical Engineering   2008
Emphasis in Biochemical Engineering
The University of Texas at Austin

Skills:

Business	Technical project negotiation, specification, management, and execution. Meeting, negotiating, and presenting to government regulators and large corporations. Participation in international working groups for technical standards development.
Entrepreneur	Finding creative and innovative solutions to generate massive growth and effective product market fit. Extremely fast reaction and adaptation of live systems to meet demand. Accomplishing from-scratch projects on shoestring budgets.
Engineering	System Architecture, Cybersecurity Best Practices, Authorization and Authentication Protocols, Software Development, APIs, Infrastructure Monitoring and Analytics, Data Visualization, Process Logic Mapping and Control, Large Data Set Manipulation
Software	Python, JavaScript, HTML5/CSS, AWS, Relational Databases, Redis, Django, Git, Linux. Most major office suites, project management tools, bug trackers, and cloud services. Image and video editing.

Honors:

Author and Maintainer, Connected Data Specification (CDS), Linux Foundation Energy	UtilityAPI	2022–2025
Vice-Chair, Board of Directors, Green Button Alliance	UtilityAPI	2018–2023
CPUC Customer Data Access Committee Solutions 1, 1b, 2, 3 architect	UtilityAPI	2016–2017
Commissioned 11.3 MW (51 sites) of public commercial solar installations in one year	TerraVerde	2013–2014
Published two reports with EPA on prototype flare testing technology	Clean Air	2009–2010
Eagle Scout		

Activities:

Fitness – Trail running, Sailing, Cycling, Yoga
Volunteering – League of Women Voters, Voters Guide Editor, Voter Deputy Registrar
Open Source – Many popular cybersecurity, privacy, and web projects (github.com/diafygi)
Alumni – Pi Kappa Alpha Fraternity